

KIRILLOV, I.K., glavnyy redaktor; BELOUSOV, V.V., redaktor; TYAPKIN, B.G.,
tekhnicheskii redaktor.

[Unified production norms in planning and research works paid at
piece rates] Edinye normy vyrobтки na proektnye i issledatel'skie
raboty, oplachivaemye sdel'no. Pt.4. [Sanitary engineering, heating
and ventilation installations in residential, public, and industrial
buildings] Vnutrennie sanitarno-tekhnicheskie ustroistva zdani i
soorushenii. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitektu-
re. 1953. 42 p. [Microfilm] (MIRA 8:2)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.
(Plumbing) (Ventilation) (Wages)

1. V. V. BELOUSOV
2. USSR (600)
4. V. V. Belousov
7. "Forces changing the face of the earth." Vokrug sveta no. 1. 1953
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BELCISOV, V. V.

PA 244T83

USSR/Geophysics - Geology

Feb 53

"Contemporary Status of Theoretical Geology," Prof
V. V. Belousov

"Priroda" No 2, pp 15-22

States that party directive points out the necessity of assisting science in every possible way for the development of theoretical problems in all important fields and of strengthening the relation between science and production. Discusses past achievements and future goals in the field of geology.

244T83

Translation M-583, 30 Jun 55

CHERNOBYL, V.V.

"Conference held 27-28 March 1953 in Kiev on Contemporary Problems of the Development of the Earth" V.V. Chernobyl and V. Ia. Panchenko (reprints)

In: Zh. tekhn. fiz., Kiev, No. 6, pp. 571-573, 1953

Conference was organized by the Kiev regional branch of ANU (all-union branch of Academy of Engineers and Technicians 'Akad. I') together with the inst. of geol. sci., and Sci. Acad. and the geol. section of the Kiev House of Scientists. Participants in the conference were scientific workers and institute instructors, astronomers, geologists, geophysicists, geochemists of Moscow, Kiev, and Lvov. Reports were read by A.M. Levin, G. Ia. Panchenko, Ye. S. Markser, V.V. Chernobyl and A.M. Gulykhovskiy.

21-60

BELOUSOV, V.

Structure of our planet. Tekh.mol. 21 no.12:8-13 D '53. (MLBA 6:11)

1. Chlen-korrespondent Akademii nauk SSSR. (Earth--Internal structure)

**BELOUSOV, V.V.; GORSHKOV, G.P., redaktor; POPOV, N.D., tekhnicheskii
redaktor.**

**[Main problems in geotectonics] Osnovnye voprosy geotektoniki.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhra-
ne neдр, 1954. 605 p. (MIRA 7:7)
(Geology, Structural)**

BELOUSOV, V. V.

"Internal Structure and Development of the Earth in the Light of Geotectonic Data," one of the reports given at the 10th General Assembly of the International Union of Geodesy and Geophysics, Rome, 1954

Evaluation, B-86198 and 86204, 30 Jun 55

BELOUSOV V.V.

KUKARKIN, B.V., doktor fiziko-matematicheskikh nauk, redaktor; PA-
RIYSKIY, N.N., kandidat fiziko-matematicheskikh nauk, redaktor;
BARANOV, V.I., doktor fiziko-matematicheskikh nauk, redaktor;
BELOUSOV, V.V., redaktor; LEVIN, B.Yu., kandidat fiziko-ma-
tematicheskikh nauk, redaktor. MASEVICH, A.G., kandidat fiziko-
matematicheskikh nauk, redaktor; SAFRONOV, V.S., kandidat fi-
ziko-matematicheskikh nauk, redaktor.

[Problems in cosmogony] Voprosy kosmogonii. Moskva, Izd-vo
Akademii nauk SSSR. Vol 2. 1954. 363 p. (MLRA 7:8)

1. Chlen-korrespondent AN SSSR (for Belousov) 2. Akademiya
nauk SSSR.
(Cosmogony)

Belousov, V. V.

USSR/Geophysics - Seismic classification

FD-758

Card 1/1 : Pub 44-6/11

Author : Belousov, V. V.; Gorshkov, G. Ts.; Petrushevskiy, B. A.

Title : ~~Concerning I. Ye. Gubin's article~~ "Concerning I. Ye. Gubin's article "Seismic regionalization of southwest Turkmenia"

Periodical : Izv. AN SSSR, Ser. geofiz., 443-450, Sep-Oct 1954

Abstract : Discuss recent statements of I. Ye. Gubin concerning his proposed so-called seismotectonic method of seismic classification of regions. Establish that these statements are but slightly connected with the author's earlier remarks on the given problem. Show that it is impossible to talk about the existence of a new seismotectonic "method." Eleven references, all USSR (6 by Gubin, and the rest by V. V. Belousov, G. P. Gorshkov, and Ye. F. Savarenskiy).

Institution : Geophysics Institute, Acad. Sci. USSR

Submitted : April 12, 1954

BELOUSOV, V.V.

TEODOROVICH, V.I.

Concerning V.V.Belousov's article "Current state of theoretical
geology." V.I.Teodorovich. Izv. AN SSSR Ser.geol. no.3:155-156
My-Je '54. (MIRA 7:8)
(Geology) (Belousov, V.V.)

USSR/Geophysics - Seismic Classification of Regions

FD 381

Card 1/1

Author : Belousov, V. V.

Title : Problem concerning methods for seismic regionalization

Periodical : Izv. AN SSR, Ser. geofiz. 3, 209-222, May/Jun 1954

Abstract : Critically treats the seismotectonic method of seismic regionalization. Indicates ways for the future perfection of methods of seismo-regionalization [geographic division according to seismic types]. Seven references, all Soviet.

Institution : Geophysics Institute, Acad Sci USSR

Submitted : February 5, 1953

Translation M-368. 26 Apr. 55

BELOUSOV, V.V.; GEVSKIY, M.V.

Tectonic conditions and the mechanism of earthquake formation.
Trudy Geof.inst. no.25:23-35 '54. (MLRA 7:12)
(Earthquakes) (Seismology)

BELOUSOV, V.V.

Pending problems of general geotectonics. Sov.geol. no.41:3-25'54.
(Geology, Structural) (MIRA 8:6)

BELOUSOV, V.V.; CHERTKOVA, Ye.I.; EZ, V.V.

Scale models of pitching fields. *Bul.MOIP.Otd.geol.* 30 no.5:117-124
S-O '55. (Fields (Geology)) (MIRA 9:1)

CELDOUSOV, V. V.

USSR/ Scientific Organization - Conferences

Card 1/1 Feb. 45 - 10/15

Authors : Belorov, Y. V., and Gernung, M. S.

Title : Tenth convention of the International Geophysics and Geodesic Union

Periodical : Izv. AN SSSR, Ser. geog. 1, 87 - 93, Jan-Feb 1955

Abstract : An account is given of the convention of the International Geophysics and Geodesic Union, held in Rome in September 1954, which was attended by more than one thousand persons from 51 countries. The branches of science represented were geography, geology, geodesy, geophysics, seismology, cosmonautics, terrestrial magnetism, meteorology, hydrology, vulcanology, and others. Delegates also made an expedition to a volcanic region in Italy for observation. Illustrations.

Institution : Acad. of Sc., USSR, Geophysics and Geographic Institutes

Submitted :

BELCUSOV, V. V.

Corr. Mbr. AS USSR; "Depth Structure and Development of the Earth in the Light of
Geotectonical Data."

SO: Soviet Academy of Science Proceedings, No. 6, March Issue 1955; A-40687

TELETYPE

TO: DIRECTOR, CIA

FROM: [illegible]

SUBJECT: [illegible]

DATE: [illegible]

TIME: [illegible]

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100. [illegible]

BELOUSOV, V.V.

Geological structure and development of submarine canyons. Izv. AN SSSR.
Ser.geol. 20 no.3:3-18 My-Je '55. (MLRA 8:9)
(Submarine topography)

60-55-26-1/16

AUTHOR: Belousov, V. V.

TITLE: Preface (Predisloviye)

PERIODICAL: Trudy Geofizicheskogo instituta Akademii nauk SSSR, 1955, Nr 26,
pp 3-4 (USSR)

ABSTRACT: The articles in the present issue are reports presented at the December 1952 session of the Scientific Council of the Geophysical Institute of the Academy of Sciences of the USSR. The objective of the session was to review up-to-date information on the internal structure and development of the Earth, and to outline a program of further research in this field. It was pointed out that a study of the Earth's origin and interior for which V. N. Lodochnikov advances a new theory of distribution of matter adds to our understanding of the structure of the Earth's crust and the processes occurring in it. This in turn provides further theoretical bases in solving problems connected with the forecast of earthquakes. The issue is essentially devoted to problems of the internal structure and development of the Earth. Important contributions in this

Card 1/2

Preface

60-55-26-1/16

field have been made by O. Yu. Shmidt, A. Ye. Fersman, and V. I. Vernadskiy. There are no references.

AVAILABLE: Library of Congress

Card 2/2

60-55-26-5/16

AUTHOR: Belousov, V. Y.

TITLE: The Earth's Internal Structure and Development in the Light of Geotechnics (Vnutrennyye stroyeniye i razvitiye zemli v svete geotektonicheskikh dannyykh)

PERIODICAL: Trudy Geofizicheskogo instituta Akademii nauk SSSR, 1955, Nr 26, pp 51-60 (USSR)

ABSTRACT: The author develops a hypothesis on the evolution of the earth which is based on the concept of the differentiation of matter as the basic process occurring in the Earth's interior. He considers the general oscillations or pulsations and wave-like displacements in the earth's crust and outlines a program of further studies. There are 7 references, all Soviet.

AVAILABLE: Library of Congress

Card 1/1

Release 2.2

USSR/ Scientific organization - Conventions

Card 1/1 : Pub. 86 - 7/39

Authors : Belousov, V. V., Mem. Corresp. Acad. So. USSR; and
Kashimirov, R. B., Prof.

Title : International convention of the Geodesic and Geophysical
Union

Periodical : Priroda 44/3, 62 - 69, Mar 1955

Abstract : An account is given of a convention in Rome (in September 1954) of the Geodesic and Geophysical Union, at which about 1,000 scientists took part. The Union was organized 55 years ago and represents 45 countries. Many papers were read, including 8 from the Soviet delegation, which were published, and a number from the American delegation. The subjects of the various papers are stated, the most important geodesic topic being the unification of the various European systems of triangulation. The delegates made excursions to points in Italy that offered material for geodesic and geophysical study. Illustrations.

Institution :

Submitted :

BELOUSOV, V.V.

Main tectonic features of central and southern China. Izv. AN SSSR, Ser. geol. 21 no.8:3-28 Ag '56. (MLRA 9:11)

1. Geofizicheskiy institut Akademii nauk SSSR, Moskva.
(China--Geology, Structural)

BELOUSOV, V.V.

In People's China. Priroda 45 no.4:52-71 Ap '56. (MIRA 9:7)

1.Chlen-korrespondent Akademii nauk SSSR.
(China--Description and travel)

BELOUSOV, V.V.

BELOUSOV, V.V.

Tectonic observations of the French Alps made in 1955, in connection
with the origin of folding. Sov.geol. no.54:37-62 '56. (MIRA 50-2)
(Alps--Geology, Structural)

BELOUSOV, V. V. AND AZHGIREY, G. D.

On the Study of the Mechanism of the Formation of Large Structural Elements of the Earth's Crust.

paper presented at the First All-Union Conference on Tectonophysics, Moscow
29 Jan - ~~8~~ Feb 1957.

V. V. Belousov - Institute of Physics of the Earth, Acad. Sci. USSR

Sum 1563

BELOUSOV, V.V.

3(10)

PHASE I BOOK EXPLOITATION

SOV/1663

Akademiya nauk SSSR. Komitet po geodezii i geofizike.

Tezisy dokladov na XI General'noy assembleye Mezhdunarodnogo geofizicheskogo i geofizicheskogo soyuza. Mezhdunarodnaya assotsiatsiya seismologii i fiziki neдр zemli (Abstracts of Reports Submitted to the XI General Assembly of the International Union of Geodesy and Geophysics. The International Association of Seismology and Physics of the Earth's Interior) Moscow, 1957. 102 p. /Parallel texts in Russian and English/ 1,500 copies printed.

No additional contributors mentioned

PURPOSE: This booklet is intended for geophysicists, especially those specializing in seismology.

COVERAGE: This collection of articles deals with the structure and composition of the Earth and phenomena related thereto. The majority of the articles concern studies of earthquakes and seismic waves. Other articles cover the structure of the Earth's crust and mountain roots; the elastic properties of rocks at high pressures; the piezoelectric effect of rocks and the method of

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Abstracts of Reports (Cont.)

SOV/1663

modelling in tectonophysics. The collection also contains articles on the Earth's thermal history, the microseismic method of tracing storms, and others. No references are given.

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Abstracts of Reports (Cont.)

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Card 4/5

Abstracts of Reports (Cont.)

SOV/1663

Shmidt, O.Yu. (deceased), and B.Yu. Levin. Origin and Composition of
the Earth

95

Shebalin, N.V. Correlation Between Magnitude and Intensity of
Earthquakes and Asthenosphere

97

AVAILABLE: Library of Congress (QE 534,A4)

Card 5/5

MM/gap
5-18-59

BELOUSOV, V. V.

STENON, Nikolay [Steno, Nicolaus]; STRATANOVSKIY, G.A. [translator];
~~BELOUSOV, V.V.~~, redaktor; SHAFRANOVSKIY, I.I., professor, redaktor;
 PETROVSKIY, I.G., akademik, redaktor; ANDREYEV, N.N., akademik,
 redaktor; BYKOV, K.M., akademik, redaktor; KAZANSKIY, B.A., akademik,
 redaktor; SECHERBAKOV, D.I., akademik, redaktor; YUDIN, P.F., akade-
 mik, redaktor; DELONE, P.N., redaktor; KOSHTOYANTS, Kh.S., redaktor;
 SAMARIN, A.M., redaktor; LEBEDEV, D.M., professor, redaktor; FIGUROV-
 SKIY, N.A., professor, redaktor; KUZNETSOV, I.V., kandidat filosof-
 skikh nauk, redaktor; ZAYCHIK, N.K., redaktor izdatel'stva; SMIRNOVA,
 A.V., tekhnicheskij redaktor

[A solid body enclosed by nature within a solid. Translated from
 the Latin] O tverdom, estestvenno soderzhashchemsia v tverdom.
 Perevod G.A.Stratanovskogo. Redaktsiya, stat'i i primechania
 V.V.Belousova, i I.I.Shafranovskogo. [Leningrad] Izd-vo Akad.nauk
 SSSR, 1957. 150 p. (MLRA 10:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Belousov, Delone,
 Koshtoyants, Samarin)
 (Geology)

BELOUSOV, V.V., red.; KIRILLOVA, I.V. [translator]; SOBSKIY, A.A. [translator];
ROMANOVICH, G.P., red.; BELOVA, M.A., tekhn. red.

[Problems in experimental tectonics; a collection of articles]
[Translated from the English] Voprosy eksperimental'noi tektoniki;
sbornik statei. S predisl. V.V. Belousova. Moskva, Izd-vo inostr.
lit-ry, 1957. 190 p. (MIRA 11:7)

(Petroleum geology)

Belousov V.V.
BELOUSOV, V.V.

Fourth Conference of the Special Committee of the International
Geophysical Year. Mezhdunar. geofiz. god no.2:74-86 '57. (MIRA 11:1)
(International Geophysical Year, 1957-1958)

BELUSOV, V.V.

POWERS (unclassified) - 10/23/79
Trip to Japan to participate in the regional conference of representatives of countries located near the western Pacific Ocean.
Mezhdunar. geofiz. god no.3:96-102 '57. (MIRA 11:5)
(Tokyo--Geophysics--Congresses)

BELOUSOV, V.V.

Internal structure of the earth. Nauka i tekhn mladezh no.4:7-8 F '57.

1. Chlen-korespondent na Akademiata na naukite na SSSR.

Belousov, V.V.

26-12-9/49

AUTHOR: Belousov, V.V., Member-Correspondent of the USSR Academy of Sciences

TITLE: At a Conference of Geophysicists in Japan (Na soveshchanii geofizikov v Yaponii)

PERIODICAL: Priroda, 1957, No 12, pp 41-48 (USSR)

ABSTRACT: The author gives an account of the Regional West-Pacific Conference which was held in connection with the International Geophysical Year in Tokyo from 25 February through 2 March 1957. It was called together to specify and coordinate the research programs in countries abutting in the west on the Pacific Ocean. The Soviet delegation consisted of the author, Professor **Ye.F. Savarenskiy**, and N.V. Mednikova, Candidate of Physico-Mathematical Sciences. The author describes the delegation's voyage to Japan and the impressions he got of the Japanese and their country. At the conference a series of suggestions were made and approved as to the establishing of additional stations, the exchange of scientists, better communication between individual ~~observatories~~ and improvements in observation methods. The author terminates his article with a survey of the educational

Card 1/2

At a Conference of Geophysicists in Japan

26-12-9/49

system in Japan.
There are 5 photos.

ASSOCIATION: Institute of the Earth's Physics imeni O.Yu. Shmidt of the AN
USSR (Moskva) (Institut fiziki Zemli imeni O.Yu. Shmidt Akademi
nauk SSSR (Moskva)

AVAILABLE: Library of Congress

Card 2/2

Belousov V.V.

25-7-22/51

AUTHOR: Belousov, V.V., Member-Correspondent, USSR Academy of Sciences
Troitskaya, V.A., Candidate of Physico-Mathematical Sciences

TITLE: The International Geophysical Year Has Begun (Mezhdunarodnyy
geofizicheskiy god nachalsya)

PERIODICAL: Nauka i Zhizn', 1957, # 7, p 27-29 (USSR)

ABSTRACT: Over 1,500 scientific stations in the whole world have started to conduct geophysical observations according to a common plan. The importance of such a unique action is enormous. It is hoped that better understanding of meteorological, magnetic, and many other geophysical phenomena will result when all the observations are processed. Weather forecasting, radio communication, navigation etc. will profit by those facts. The USSR will conduct research in 12 different sections of the IGY program by means of 500 observation stations. In this connection rockets and artificial satellites will be used for exploring the earth atmosphere and the physical phenomena taking place in it. Further objectives are the study of cosmic radiation, the origin of cosmic particles, and the ultraviolet and X-ray radiations of the sun. The USSR intends to start rockets

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The International Geophysical Year Has Begun

25-7-22/51

and satellites at regular intervals during the whole period of the IGY. The common research work will in all probability establish closer relations among scientists of the world and lead to a better understanding among nations. The article contains 8 photos.

ASSOCIATION: Academy of Sciences, USSR (AN SSSR)

AVAILABLE: Library of Congress

Card 2/2

BELOUSOV, V.V.

AUTHOR

TITLE

PERIODICAL

ABSTRACT

BELOUSOV, V.V., corresponding member of the Academy of
U.S.S.R., TROITSKAYA, V.A., cand phys.-math. sc.

The International Geophysical Year
(Mezhdunarodnyy geofizicheskiy god. Russian)
Vestnik Akademii Nauk SSSR, 1957, Vol 27, Nr 7, pp 3 - 7 (U.S.S.R.)

The results obtained by joint observations considerably facilitate the determination of the laws governing meteorological, magnetic and other phenomena. The U.S.S.R. carries out her works on 15 sections. Altogether 500 Soviet observation stations participate in the program. Meteorological observations are made in 292 places not including the already existing network of hydrometeorological stations. Observations of the magnetic field of the earth are carried out by 30 stations and by the only non-magnetic ship of the world "Zarya". Observations of the northern lights are made by 34 stations, especially by the newly-established optical stations of the arctic. All airplane crews whose flight routs lie north of the Moscow-Vladivostok line also participate in it. A number of stations observes the zodiacal light by means of photoelectrical and photometric spectrographs. The investigation of the ionosphere (according to the method of vertical sounding) is carried out by 25 special stations. 15 observatories are exclusively occupied with the observation of the sun; 19 carry out

Card 1/2

The International Geophysical Year

50-1-4/30

astrometric observations. The northwestern part of the Pacific is examined by seismic depth-sounding. The network of geophysical stations is especially dense in the arctic (along the so-called international meridians). The European-Asiatic observation center of the Geophysical Year is situated in Krasnaya Pakhra near Moscow. For the time being the collected observation results are kept in two places of the earth: in the U.S.S.R. and in the U.S.A.

ASSOCIATION
PRESENTED BY
SUBMITTED
AVAILABLE

Not given

Library of Congress

Card 2/2

BELOUSOV, V.V.

Types and origin of folds. Sov. geol. 1 no.1:40-64 Ja '58.

(MIRA 11:4)

1. Institut fiziki Zemli Akademii nauk SSSR.
(Folds (Geology))

BELOUSOV, V.V.; FEDYNSKIY, V.V.

Trip to Canada and to the United States. Sov. geol. 1 no.8:174-185
Ag '58. (MIRA 11:11)

1. Institut fiziki Zemli AN SSSR i Ministerstvo geologii i okhrany
nedr SSSR.
(Toronto--Geophysics--Congresses) (Toronto--Geodesy--Congresses)

AUTHOR: Belousov, V.V. SOV/5-58-4-2/43

TITLE: A Geologic Definition of Some Modern Geophysical Conceptions
(Geologicheskaya otsenka nekotorykh sovremennykh geofizicheskikh predstavleniy)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody,
Otdel geologicheskii, 1958, Nr 4, pp 5-13 (USSR)

ABSTRACT: The author reviews several methods of geophysical research generally applied in the past few years and stresses their importance to geology. He considers e.g. the isostatic equilibrium of great parts of the Earth's crust as proved as a result of gravimetric research and gives a detailed analysis of the results of plutonic research and the study of earthquakes. The importance of geothermic data and, finally, the phenomenon of magnetism are discussed with special regard to the necessity for a critical attitude towards paleomagnetic data. In connection with these problems the following scientists are mentioned: Ye.N. Lyustikh, V.A. Magnitskiy, F. Vening-Meynes, G.A. Gamburtsev, Yu.V. Riznichenko, I.P. Kosminskaya, Ye.I. Galperin, B.A. Petrushevskiy, A.A. Sorskiy, I.V. Kirillova,

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SOV/5-58-4-2/43

A Geologic Definition of Some Modern Geophysical Conceptions

V.N. Krestnikov, A.V. Goryachev, I.A. Rezanov and M.V. Gzovskiy.

1. Geology 2. Scientific research 3. Geophysics

Card 2/2

BELOUSOV, V. V., MAGNITSKIY, V. A., LYUBIMOVA, Ye. A., KEYLIS-BOROK, V. I. and
REZNICHENKO, Yu. V.,

"Seismological Problems and Questions Concerning the Physical Structure of
the Earth's Deposits."

paper presented at the XIth General Assembly of the Int'l. Union of Geodesy and
Geophysics, Toronto, Canada, 3-14 Sept. 1957 (Izv. Ak Nauk SSSR - Ser Geog. 1958,
No. 2, pp 3-8 [USSR]).

(V. V. BELOUSOV, Corresponding Member, AS USSR, was elected Vice-President of the
International Union of Geodesy and Geophysics.)

BELOUSOV V.V.

AUTHOR: None Given

30-58-5-6/36

TITLE: Discussion on the Report of Activity (Preniya po otchetnomu dokladu)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, (USSR) Nr 5, pp 29-31

ABSTRACT: I. V. Tyurin, Member, Academy of Sciences, USSR devoted his speech to some results of activity of the Soil Institute imeni V.V. Dokuchayev. A. L. Kursanov, Member, Academy of Sciences, USSR spoke on the participation of the AS USSR in the international exhibition 1958 in Brussels. K. V. Ostrovityanov, Member, Academy of Sciences, USSR spoke on some success in the field of social sciences, but at the same time also pointed out a certain backwardness. V. V. Belousov, Corresponding Member, Academy of Sciences, USSR reported on the participation of Soviet scientists in the works of the Geophysical Year. V. I. Popkov, Corresponding Member, Academy of Sciences, USSR emphasized the importance of the works of the Institute for Power Engineering imeni G. M. Krzhizhanovskiy. G.A. Chebotarev, Director of the Library of the AS USSR spoke on the participation of this collective in the establishment of a large academic library in No-

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Discussion on the Report of Activity

30-58-5-6/36

vosibirsk. V. G. Bogorov, Director of the Institute for Oceanology, emphasized the importance of the oceanographic research works. V. V. Vinogradov, Member, Academy of Sciences, USSR, severely criticized the deficiencies in the development of social sciences in the AS USSR, and he emphasized the difficulty of publishing studies. V. A. Ambartsunyan, Member, Academy of Sciences, USSR reported on important problems of the development of Soviet astrophysics. V. A. Engel'gardt, Member, Academy of Sciences, USSR emphasized the unsatisfactory position of the institutes in the department for biological sciences. Ye. M. Zhukov, Corresponding Member, Academy of Sciences, USSR spoke on achievements, shortcomings and tasks of social sciences. A. I. Nazarov, Director of the Publisher of the AS USSR spoke on serious difficulties in the work of this publisher, where he also criticized the institutes which send to the press blown-up and unfinished material. V. F. Kuprevich, Corresponding Member, Academy of Sciences, USSR spoke on important tasks of biological science and emphasized the necessity of training young physicists and chemists for this work, in which he was supported by R. D. Obolentsev, Chairman of the Presidium of the Bashkiriya Branch. A. V. Sidorenko, Chairman of the Pre-

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Discussion on the Report of Activity

30-58-5-6/36

sidium of the Kola Branch spoke on the cooperation with the Murmansk Council of Economy. The report of activity of the AS USSR for the year 1957 was approved, the assembly recommending to the Presidium of the Academy as well as to the Office of the Departments to consider the critical remarks and proposals in the precise determination of the plan for 1958.

1. Scientific research--USSR
2. Scientific reports--USSR

Card 3/3

BELOUSOV, V.V.

AUTHOR: None Given 26-58-5-33/57

TITLE: The Annual Meeting of the Academy of Sciences of the USSR
(Godichnoye sobraniye Akademii nauk SSSR)

PERIODICAL: Priroda, 1958, Nr 5, pp 105 - 107 (USSR)

ABSTRACT: The annual meeting of the Akademiya nauk SSSR (USSR Academy of Sciences) was devoted to Soviet achievements in science and technics in 1957, as well as current and future projects. The highlights were outlined by the Academy's president, Academician A.N. Nesmeyanov. He mentioned the high speed attained by the TU-104 and 114 aircrafts, the construction of the synchrophasotrons, the experiments in the field of controlled thermonuclear reactions, discoveries made in the field of superfluidity and superconductivity at low temperatures, the intercontinental ballistic rocket, and the first artificial earth satellites. A new branch of astronomy is emerging: planetography. All these achievements point to the advanced stage of physico-mathematical sciences and their corresponding technical branches. A.N. Nesmeyanov also stressed the point, that the time has come to emphasize Soviet chemistry, especially in the field of highmolecular compounds.

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The Annual Meeting of the USSR Academy of Sciences

26-56-5-33/57

The big organizational event of 1957 was the establishment of the Siberian branch of the AS USSR. The erection of a scientific city near Novosibirsk has been started and several scientific installations will start operating there in 1958. Already existing branches of the AS USSR in the RSFSR on the Kol'skiy Peninsula, in Sverdlovsk, Kazan', Ufa, and several more large centers need more support, while substantial assistance is to be given by the Presidium of the AS USSR to the further development of branches in the individual republics. The level of biological research is to be raised to that of physico-chemical science. This applies in particular to experimental possibilities in biology. Results of the scientific activities of the AS were discussed by the Chief Scientific Secretary of the Presidium of the AS USSR, Academician A.V. Topchiyev. He gave a brief summary of the preliminary results obtained by the artificial satellites: determination of the density of the atmosphere, ionospheric measurements, determination of the orbit parameters by aid of the Doppler effect, measuring of the intensity variation of cosmic rays, and especially, the survival possibilities for living organism under the conditions of cosmic flight. In connec-

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The Annual Meeting of the USSR Academy of Sciences

26-58-5-33/57

tion with the IGY, vertically launched rockets provide information on a vertical cross section of the atmosphere through all its layers. Special attention was devoted to results obtained in the physico-mathematical field. Academician N.N. Bogolyubov's work on the field quantum and superconductivity theories were given particular attention. Accelerator technology has led to the construction of a proton accelerator of up to 10 billion electronvolts, while construction of an electron-particle accelerator of 50 billion electronvolts has been started near Moscow. In the Institut atomnoy energii (Atomic Energy Institute) the behavior of plasma at a temperature of over 1 million degrees Celsius was studied under the direction of Academicians L.A. Artsimovich and M.A. Leontovich. Scientific work on photonuclear reactions, measuring of the time when the nuclei is in an excited condition, weak ferromagnetism and the nature of magnetic bodies was successfully carried out in several other scientific installations of the AS. Soviet scientists have attained basic success in the investigation of the physical fundamentals of the strength of solids and superhigh pressure. New important data has been obtained for the theory

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The Annual Meeting of the USSR Academy of Sciences

26-58-5-33/57

and practice of semiconductors, especially the photoelements made of silicon, which transform the energy of solar light into electric energy. In 1957, methods for obtaining liquid helium were improved under the direction of Academician P.L. Kapitsa. Soviet progress in the new field of mechanics and computer technology is characterized by the construction of new small-size computers, memory devices, and the development of new methods of their programming and automation. Soviet theoretical chemistry gained world-wide recognition by works on chain reactions, many problems of electrochemical kinetics and the chemistry of surface phenomena, phosphororganic compounds, synthesis of isoprenes, research in the field of tautomerism and the dual reaction capability of organic compounds. In the near future Soviet scientists are hoping to take the lead in the field of polymers. In this connection the creation of a large industry of plastics, chemical fibers, synthetic rubber and other substances is necessary for the development of the production of consumer goods and the building industries. Other scientific successes with a direct impact on the national economy were also discussed. Further achievements were recorded in the development of geolo-geographical science. Various

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The Annual Meeting of the USSR Academy of Sciences

26-58-5-33/57

investigations in all the seas, the waters of the Antarctic, the Indian and Pacific oceans, have added new material to oceanology, maritime geology, geomorphological mapping of the ocean bottom, etc. A Soviet expedition to the Antarctic has obtained new data on the surface structure of the ice cover, the meteorological conditions, and chemical and biological particularities of the waters of the southern hemisphere. A.L. Kursanov reported on the Soviet scientific display of the Brussels fair; V.V. Belousov, corresponding member of the AS USSR, on the work in progress for the IGY; V.G. Bogorov, Doctor of Biological Sciences, on the research work carried out aboard the "Vityaz'" in the Atlantic, Indian, Pacific and Antarctic oceans; G.A. Chebotarev, on the organization of the Novosibirsk east section of the library of the AS USSR. Academician V.A. Ambartsumyan dealt with Soviet astronomy and astrophysics. At present, special attention is being given to non-stationary phenomena, solar flares and explosion taking place in stellar atmospheres. Ambartsumyan pointed out results achieved with the 2.6-m-telescope at the Krymskaya astrofizicheskaya observatoriya (Crimean Astrophysical Observatory) and the 1-m-telescope (system Schmidt) at the Byurokanskaya observatoriya (Byurakan Observatory). He called attention to the

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The Annual Meeting of the USSR Academy of Sciences

26-58-5-33/57

International Astronomical Congress, which will take place in Moscow on 15 August 1958, where over 1,000 foreign scientists are expected. Member-Correspondent V.I. Veksler delivered a paper "On the Present State of the Problem of Acceleration of Atomic Particles". He presented a survey on past and present methods and apparatuses used for the acceleration of protons, deuterons, alpha particles and in the obtaining of mesons. He stressed the future prospects of the physics of high energy particles and quoted the names of Soviet scientists who contributed largely to these problems: V.I. Petukhov, M.S. Rabinovich, A.M. Kolomenskiy, Ya.B. Faynberg and G.I. Budker. He also presented his idea of a new principle of acceleration of atomic particles, the so-called coherent principle.

AVAILABLE:

Library of Congress

Card 6/6

1. Scientific organizations - USSR
2. Scientific Research - USSR

AUTHOR: Belousov, V. V., Corresponding Member, 30-58 -5-28/36
Academy of Sciences, USSR

TITLE: News in Brief (Kratkiye soobshcheniya).
5-th Meeting of the Special Committee for the International Geophysical Year (5 assambleya Spezial'nogo komiteta po Mezhdunarodnomu geofizicheskomu godu)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 5,
pp. 124-124 (USSR)

ABSTRACT: It will be held at the end of July and the beginning of August 1958 in Moscow and will be the first one to take place during the IGY. The preceeding 4 meetings 1953 in Brussels, 1954 in Rome, 1955 in Brussels and 1956 in Barcelona only were of organizational-preparatory nature. The coming meeting will already be able to draw some preliminary conclusions on the results of geophysical observations carried out all over the world. The discussion of the organizational problems of the further treatment and scientific utilization of the results of the IGY, however, is to be considered its main task. Every working

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News in Brief. 5-th Meeting of the Special
Committee for the International Geophysical Year

30-58-5-28/36

group of the individual disciplines plans to perform one or several scientific sessions respectively in Moscow and to submit its preliminary reports of activity. Not less than 300 foreign scientists will come to Moscow. Simultaneously with the meeting sessions of the offices of the International Geodetical and Geophysical Society will be held in Moscow, as well as the conference of the Special Committee for Antarctic Research and a number of other scientific-organizational meetings. Right after the termination of the meeting the International Congress of the Astronomical Society will begin in Moscow.

1. Scientific organizations--USSR
2. Scientific research
3. Geophysics

Card 2/2

AUTHOR: Belousov, V. V., Corresponding Member, SOV/30-58-9-1/51
Academy of Sciences, USSR

TITLE: Tectonic Physics - a New Prospective Orientation of Geology
(Tektonofizika - novoye perspektivnoye napravleniye v geologii)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 9, pp. 3 - 10 (USSR)

ABSTRACT: Geological and physical methods are applied to investigate the structural deformations of the earth crust. The formation of deposits of natural resources is intimately connected with the formation and distribution of folds and chinks. As the investigation of the deformation process in nature is not possible, it is performed by experiments made at a model. During the last years the tectonic physics in the USSR proceeded rapidly. In 1944 the author organized the first Laboratoriya eksperimental'noy tektoniki (Laboratory for Experimental tectonics) in the country which at present under the name of Laboratoriya tektonofiziki (Laboratory for Tectonic Physics) is incorporated with the Otdel geodinamiki Instituta fiziki Zemli (Institute for Physics

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Tectonic Physics - a New Prospective Orientation of
Geology

SOV/30-58-9-1/51

of the Earth, Department for Geodynamics). The work of M.V.Gzovskiy in this laboratory are called very important for the development of the tectonic and physical investigation. During the last years such laboratories were established at the Moscow University (Chair of Dynamic Geology) and in the Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii neftyanoy institut (All Union Scientific Geologic Research Institute for Petroleum). Investigations of the physical and mechanical properties of the rock were made by B.V. Zalesskiy and Yu.A.Rozanov at the Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii (Institute for Geology of Ore Deposits, for Petrography, Mineralogy, and Geochemistry) and at the Laboratory M.P. Volarovich in the Institute for Physics of the Earth. The Soviet tectonic physics deal with the investigation of the tension fields which were at work in the earth crust at earlier periods. M.V.Gzovskiy, and D.N.Osokina are well known for their optic method of investigation by means of models. Furthermore some other research results of Soviet scientists are described in detail. It turned out that among the chinks

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Tectonic Physics - a New Prospective Orientation of
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one has to observe two types, brittle and stiff ones, as it is the case with the decomposition of compact bodies. It was also found out that no outer forces are engaged in the formation of chinks but only the variations in the contiguous sections of the earth crust. A theory has been worked out that the chinks depend on the tensions and not on the deformations. It was possible to prove physically the geologic symptoms of a seismic danger. As to the process of the formation of folds it is referred to the work of N.B. Lebedeva, I.V. Kirillova and A.A. Sorskiy. By the tectonic and physical method such tectonic phenomena which cannot be cleared by only geologic research methods, as for instance the tension fields in the earth crust, may be cleared up. It is therefore necessary to develop the tectonic and physical line systematically. The many works which in this field are performed in the USA the author calls sporadic and planless. He says that the research field of the mechanic properties of the rock at high pressures and temperatures is not at all up to date. He also points out that the existing laboratories cannot cope with these works and he regrets that it takes

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Tectonic Physics - a New Prospective Orientation of
Geology

SOV/30-58-9-1/11

so long to equip the Laboratoriya vysokikh davleniy v
Institute fiziki Zemli (Laboratory for High Pressures in
the Institute for Physics of the Earth) with the necessary
finishing. Finally he says that it will be very fruitful
if in this field geologists and physicists would collaborate.

Card 4/4

BELOUSOV, V. V., Corr. Mbr. of the AS USSR

"Some Results and Prospects of Tectonic-Physical Investigations."

scientific report presented at the Plenary Meeting of the Department of Geological and Geographical Sciences, Acad. Sci. USSR, 10-17 June 1958, (Vest. AN SSSR, 1958, No. 8, pp. 57-68)

BELOUSOV, V.V.

AUTHOR: None Given

SSV-11-58-9-11/14

TITLE: A General Meeting of the Geological and Geographical Science Sections of the Academy of Sciences USSR (Obshcheye sobraniye otdeleniya geologo-geograficheskikh nauk AN SSSR)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1958, Nr 9, p 116 (USSR)

ABSTRACT: At the general meeting of the geological and geographical science sections of the AS USSR on 17 June 1958, the Academician N.S. Shatskiy lectured on "The Movements of the Earth's Crust and Their Origin", and Member-Correspondent of the AS USSR, V.V. Belousov reported on his work in tectonic physics in his paper "On Some Results and Prospects of Tectono-Physical Research". The following persons were elected Member-Correspondents of the section: 1) Kh.M. Abdullayev, Doctor of Geological and Mineralogical Sciences, President of the Academy of Sciences of the Uzbek SSR; 2) A.V. Peyve, Doctor of Geological and Mineralogical Sciences, Deputy Director of the Geological Institute of the AS USSR; 3) V.A. Priklonskiy, Doctor of Geological and Mineralogical Sciences, Director of the Laboratory of Hydro-Geological Problems of the AS USSR, Professor; 4) V.I. Smirnov, Doctor of Geological and Mineralogical Sciences, Professor of

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SOV-11-58-9-14/14

A General Meeting of the Geological and Geographical Science Sections of the Academy of Sciences USSR

Moscow University; 5) V.G. Bogorov, Doctor of Biological Sciences, Deputy Director of the Institute of Oceanography of the AS USSR, Professor, and 6) Admiral of the Fleet, I.S. Isakov, Professor.

1. Geology--USSR 2. Geophysics--USSR

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USCOMM-DC-55622

AUTHOR: Belousov, V.V.

SOV/11-58-11-1/14

TITLE: On Some Results and Prospects of Tectono-Physics (O nekoto-rykh rezul'tatakh i perspektivakh tektonofizicheskikh issledovaniy)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1958, Nr 11, pp 3 - 20 (USSR)

ABSTRACT: In Soviet terminology, tectono-physics is a science concerned only with the study of the physical mechanism of tectonic deformations. The author founded the first Soviet Laboratory of Tectono-physics, which at present, forms a part of the Otdel geodinamiki instituta fiziki zemli A.N. SSSR (the Section of Geodynamics of the Institute of Physics of the Earth, of the AS USSR). This laboratory has reproduced on various models the different tectonic deformations observed on the Earth, and these experiments have defined the causes of the deformation of the Earth's crust. Until recently scientists thought that the fold formation during a general process of crumpling of the crust occurred on a planetary scale. Laboratory experiments however, have shown that the fold formation could be considered as a peculiar reaction of the bedded strata of the crust to the differentiated verti-

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SOV/11-58-11-1/14

On Some Results and Prospects of Tectono-Physics

cal movements of the separate blocks of the crust. This is why the folding always occurs in the geosynclinal zones. The laboratory's experiments with models of various materials showed that, in each particular case, the fold formation depended on specific local conditions, which could be thoroughly studied by recreating them artificially in models. The author studies the results of these researchers and comes to the conclusion that the method of tectono-physics is an important addition to the strictly geological method of study. Further systematic development of this branch of science is recommended. The author cites the following Soviet scientists who worked in the same field of research: M.V. Gzovskiy, D.A. Kazimirov, Professor B.V. Zaleskiy, Yu.A. Rozanov, Professor M.P. Volarovich, A.V. Pek, V.M. Kreyter, F.I. Vol'fson, I.P. Kushnarev, L.I. Lukin, N.I. Borodayevskiy, B.L. Shnerson, Ye.N. Lyustikh, B.P. Belikov, Yu.V. Riznichenko, D.N. Osokina, I.V. Kirillova, A.A. Sorskiy, A.V. Dolitskiy, A.M. Shurygin, V.V. Ez, V.N. Shoipo, N.A. Syagayev,

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On Some Results and Prospects of Tectono-Physics

SOV/11-58-11-1/14

N.B. Lebedeva, O.M. Filatov, D.P. Rezvoy and A.M. Sycheva-Mikhaylova. There are 7 sets of diagrams, 4 photos, and 32 references, 24 of which are Soviet, 4 German and 4 American.

ASSOCIATION Institut fiziki zemli AN SSSR (The Institute of the Physics of the Earth at the AS USSR)

SUBMITTED: June 18, 1958

1. Geology 2. Geophysics 3. Earth--Configuration 4. Earth models--Test results

Card 3/3

GZOVSKIY, Mikhail Vladimirovich; BELOUSOV, V.V., otv.red.; FEDOT'YEV,
K.M., red.isd-va; MAKUNI, Ye.M., tekhn.red.

[Basic tasks in studying the formation dynamics and tectonics
of the Baydshansay anticline] Osnovnye voprosy tektonofiziki
i tektonika Baydshansayskogo antiklinorija. Moskva, Izd-vo
Akad.nauk SSSR. Pts. 1 and 2. 1959. 254 p. (MIRA 12:7)

1. Rukovoditel' otдела geodinamiki Instituta fiziki Zemli AN
SSSR (for Belousov).
(Kara Tau--Geology, Structural)

3(0)

PHASE I BOOK EXPLOITATION

SOV/3118

Akademiya nauk SSSR. Komitet po geodezii i geofizike

Odinnadtsataya General'naya Asambleya Mezhdunarodnogo geodezicheskogo i geofizicheskogo soyuza (Eleventh General Assembly of the International Geodetic and Geophysical Association) Moscow, 1959. 326 p. Errata slip inserted. 1,800 copies printed.

Resp. Ed.: V. V. Belousov, Academy of Sciences, Corresponding Member; Ed. of Publishing House: N. V. Shebalin; Tech. Eds.: G. A. Astaf'yeva, and P. S. Kashina.

PURPOSE: This book is intended for geodesists and geophysicists.

COVERAGE: This is a collection of reports and papers originally presented at the XI General Assembly of the International Union of Geodesy and Geophysics held in September 1957 in Toronto. The papers included in this volume are by non-Soviet scientists; papers by Soviet scientists at the Assembly appear in a separate volume. In addition to individual reports in the earth sciences, the book describes the organization and activities of the Union

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Eleventh General Assembly (Cont.)

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and its affiliate associations. The following persons participated in the compilation of this book: V. V. Belousov, Corresponding Member of the Academy of Sciences, and V. V. Fedynskiy, Doctor of Physical and Mathematical Sciences; A. A. Izotov, Doctor of Technical Sciences, and Yu. A. Meshcheryakov, Candidate of Geographical Sciences (Association of Geodesy); Yu. V. Riznichenko, Doctor of Physical and Mathematical Sciences, V. I. Keylis-Borok and V. A. Magnitskiy (Association of Seismology and Physics of the Earth's Interior); A. M. Obukhov, Corresponding Member of the Academy of Sciences and A. S. Monin, Doctor of Physical and Mathematical Sciences (Association of Meteorology and Atmospheric Physics); Yu. D. Kalinin, Doctor of Physical and Mathematical Sciences (Association of Geomagnetism and Aeronomy); V. G. Kort, Doctor of Geographical Sciences, and N. N. Sysoyev; I. M. Belousov (Association of Physical Oceanography); G. A. Avsyuk, Doctor of Geographical Sciences, G. V. Bogomolov, Corresponding Member of the Belorussian Academy of Sciences, and V. V. Rakhmanov, Candidate of Technical Sciences (Association of Scientific Hydrology); V. I. Vlodavets, Doctor of Geological and Mineralogical Sciences and G. S. Gorshkov (Association of Vulcanology). References

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Eleventh General Assembly (Cont.)

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accompany separate sections.

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2/15/60

30(7)
AUTHORS:

Belousov, V.V. Corresponding Member
Sikkin, B.I. (Moscow)

SOV/26-59-2-12/53
of the AS USSR;

TITLE:

A Great Contribution to International Scientific Co-
operation (Krupnyy vklad v mezhdunarodnoye nauch-
noye sotrudnichestvo). The Moscow Conference of
Special Committee for the Organization of the IGY
(Moskovskaya assambleya spetsial'nogo komiteta po
provedeniyu MGG)

PERIODICAL: Priroda, 1959, Nr 2, pp 65-73 (USSR)

ABSTRACT:

The Fifth Conference of the Special (International)
Committee for the Organization of the International
Geophysical Year took place in Moscow in August 1958.
More than 400 delegates representing 35 countries
attended. The Soviet delegation proposed the pro-
longation of the Geophysical Year through 1959. The
proposition, made by the head of the Soviet Committee
of the IGY, Academician I.P. Bardin, was accepted.
During the complementary election for the Board of
the Committee, the Corresponding Member of the AS

Card 1/2

SOV 26-59-2-12/53

A Great Contribution to International Scientific Operation;
The Moscow Conference of Special Committee for the Organization
of the IGY

USSR, V.V. Belousov was elected vice-chairman of the Committee in place of Professor Burkner (USA), retiring. In the frame of the Committee the Member-Correspondent of the AS USSR, S.N. Vernov delivered a public lecture on the study of cosmic rays with the help of artificial satellites. There are 7 photographs.

Card 2/2

3(5)

SOV/11-59-6-11/19

AUTHOR: Belousov, V.V.

TITLE: In Defense of Geologic Science

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya,
1959, Nr 6, pp 115-116 (USSR)

ABSTRACT: This is a review and criticism of the book by A.E.
Scheidegger "Principles of Geodynamics", published
by the Springer-Verlag, Berlin-Heidelberg, in 1958.

Card 1/1

PEYVE, A.V., otv.red.; BELOUSOV, V.V., red.; FEDYNSKIY, V.V., red.;
KHAIN, V.Ye., red.; SHATSKIY, M.S., red.; SHTRNYS, N.A.,
red.; YANSHIN, A.L., red.; PUSHCHAROVSKIY, Yu.M., red.isd-va;
VOLKOVA, V.V., tekhn.red.

[Structure of the earth's crust and the deformation of rocks]
Struktura zemnoi kory i deformatsii gornykh porod. Moskva,
Isd-vo Akad.nauk SSSR, 1960. 239 p. (Doklady sovetskikh geologov.
Problema 18). (MIRA 13:10)

1. International Geological Congress. 21st, Copenhagen, 1960.
(Geology, Structural--Congresses)

KIRILLOVA, I.V.; LYUSTIKH, Ye.N.; RASTVOROVA, V.A.; SORSKIY, A.A.;
KHAIN, V.Ye.; ~~BELOUSOV, V.V.~~, otv.red.; EZ, V.V., red.izd-va;
RYLINA, Yu.V., tekhn.red.

[Analysis of the geotectonic development and seismicity of
the Caucasus] Analiz geotektonicheskogo razvitiia i seismich-
nosti Kavkaza. Moskva, Izd-vo Akad.nauk SSSR, 1960. 339 p.
(MIRA 13:10)

1. Chlen-korrespondent AN SSSR (for Belousov).
(Caucasus--Geology, Structural) (Seismology)

BELOUSOV, V.V., red.; GZOVSKIY, M.V., kand.geol.-miner.nauk, red.;
KOLOSHINA, T.V., red.isd-va; GUROVA, O.A., tekhn.red.

[Tectonophysics; transactions of the All-Union Conference on
Tectonophysics] Problemy tektonofiziki; trudy Pervogo Vse-
soiuznogo tektonofizicheskogo soveshchaniia. Pod red. V.V.
Belousova i M.V.Gzovskogo. Moskva, Gos.nauchno-tekhn.isd-vo
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1957. 2. Chlen-korrespondent AN SSSR (for Belousov).

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BELOUSOV, V. V.

Development of the earth and the tectogenesis. Sov. geol. 3 no.7:3-
27 J1 '60. (MIRA 13:8)

1. Institut fiziki Zemli AN SSSR.
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Role of island arcs in the development of the earth's structure
[with summary in English]. Sov. geol. 3 no.10:3-23 0 '60.

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[A year devoted to the planet] God, psviashchennyi planete. Mo-
skva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po
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[illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204400033-6

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BELOUSOV, V.V., red.; SHEYNNMANN, Yu.M., doktor geol.-min. nauk, red.;
MIRZOYEVA, M.D., red. izd-va; GUROVA, O.A., tekhn. red.

[Problems of tectonics] Problemy tektoniki; sbornik statei.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
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GORYACHEV, A. V., geolog; KIRILLOVA, I. V., geolog; KRESTNIKOV, V. N.,
geolog; RASTVOROVA, V. A., geolog; REZANOV, I. A., geolog; SORSKIY,
A. A., geolog.

Geologic principles of seismic division into districts. Studiia
astron seismol 6 no.2:181-186 '61.

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31 no. 2:58-63 F '61. (MIRA 14:8)

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V.I., red.izd-va; VOLKOVA, V.V., tekhn. red.; ASTAF'YEVA, G.A.,
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[Conditions governing the formation of structures in the south-
eastern Caucasus] Usloviia formirovaniia struktur IUgo-
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KRESTNIKOV, Vladimir Nikolayevich; BELOUSOV, V. V., otv. red.;
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